CLAIMS

1. Recognition code and recognition code sheet characterized in that information is expressed by an element cell composed of a single element from E_1 to E_n or a combination of elements E_1 to E_n, an element cell or space that is not peripheral information thereto is taken to be a non-element, and said non-element cell has a function.

2. The recognition code and recognition code sheet of claim 1 characterized in that one element cell is made to be zero information.

3. The recognition code and recognition code sheet of claim 1 or 2, characterized by combining element cell and non-element cell.

4. The recognition code and recognition code sheet of claims 1 to 3, in which part of the combined element cell is made to be a function code.

5. The recognition code and recognition code sheet of claims 1 to 3 in which an element cell in which a set of element cells that combine E_1 to E_n elements is made to be saturated element cell Bs, a set is made to be function element cell B'o, non-element cell Bo, characterized by an element cell combination in which saturated element cell Bs is made to be zero information, and function element cell B'o and non-element cell Bo are made to be function codes.

6. A recognition code and recognition code sheet in which an expression of a cell of E_1, E_2 elements in which a basic numeral of a binary or ternary unit cell is made to be the E_1 element, and a negative equi-multiple of the basic numeral is made to be the E_2 element, characterized by an element cell combination in which cell numeral information is expressed by the E_1, E_2 elements, zero information by the saturated element Bs, and non-element Bo is made to be a function code.

7. The recognition code and recognition code sheet described in claim 6 in which the E_2 element is made to be twofold the basic numeral.

8. A recognition code and recognition code sheet in which an expression of a cell of E_{21}, E_{22}, E_{23} elements when the basic numeral of a septenary unit cell is made to be the E_{21} element, twofold the basic numeral is made to be the E_{22} element, and fourfold the basic numeral is made to be the E_{23} element, characterized by an element cell combination in which an element that combines all the E_{21}, E_{22}, E_{23} elements is made to be saturated element cell Bs, a non-element cell is made to be Bo, cell numeral information is expressed by E_{21}, E_{22}, E_{23} and combined elements of two types, zero information by saturated element Bs, and non-element Bo is made to be a function code.

9. The recognition code and recognition code sheet described in claim 8 in which the E_{23} element is made to be negative threefold the basic numeral.

10. A recognition code and recognition code sheet in which an expression of a cell of E_{21}, E_{22}, E_{23} elements when the basic numeral of a senary unit cell is made to be the E_{21} element, twofold the basic numeral is made to be the E_{22} element, threefold the basic numeral is made to be the E_{23} element, characterized by an element cell combination in which an element that combines all the E_{21}, E_{22}, E_{23} elements is made to be saturated element cell Bs, an element cell that combines E_{21} and E_{22} is made to be B'o, a non-element cell is made to be Bo, cell numeral information is expressed by a combination of two types of elements excluding E_{21}, E_{22}, E_{23} and B'o, zero information by saturated element Bs, and element cell Bo and non-element cell Bo are made to be function codes.

11. The recognition code and recognition code sheet described in claim 10 characterized by an element cell combination in which the element cell that combines E_{21}, E_{22} is made to express zero information, and saturated element cell Bs is made to be a function code.

12. The recognition code and recognition code sheet described in claim 10 characterized by an element cell combination in which the E_{21}, E_{22} combined element cell in the senary unit cell is a quinary element cell combination that is made to be function code B"o, and B'o, B"o, non-element Bo are made to be function codes.

13. The recognition code and recognition code sheet of claim 1, 2 characterized by an element cell combination having a code structure that divides parts of graphics or characters into element cells and non-element cells.

14. The recognition code and recognition code sheet according to claim 1, 2 characterized by an element cell combination in which the plurality of elements from E_1 to E_n and elements combined for information are made to be an element cell combination having an intensity structure of light reflectance by hue or concentration and density.